GOVERNMENT OF INDIA
ELECTRONICS AND INFORMATION TECHNOLOGY
LOK SABHA

UNSTARRED QUESTION NO:4046
ANSWERED ON:10.08.2016
C-MET
Kalvakuntla Smt. Kavitha

Will the Minister of ELECTRONICS AND INFORMATION TECHNOLOGY be pleased to state:

(a) whether the Centre for Materials for Electronics Technology (C-MET) has developed indigenous technology for making super capacitors;

(b) if so, the details thereof; and

(c) the number of companies signed-up for the technology partnership with C-MET to develop such super-capacitors in India.

Answer

(a) and (b): Yes, Sir. Ministry of Electronics and Information Technology (MeitY) had successfully completed a project at C-MET, Thrissur to develop laboratory scale process technology for carbon aerogel powder and tapes to prepare active electrode for the aerogel supercapacitors; and fabrication of aerogel supercapacitor cell of 35 F capacitance.

The technology for production of aerogel supercapacitor in pilot-scale has been considered to facilitate the transfer of technology for commercialization. A project has, therefore, been initiated at C-MET, Thrissur, co-funded by Department of Science & Technology. M/s Keltron Component Complex Ltd. (KCCL), a Kerala Govt. Public Sector Company is the industrial collaborator of the project.

(c): M/s Keltron Component Complex Limited (KCCL), Kannur, a Kerala Govt. undertaking Public Sector Company has signed a MoU with C-MET for developing 'Aerogel Supercapacitors' of selected size/values in India. In addition, C-MET has invited 'Request for proposal (RFP)' from other interested Indian parties for the Technology Partnership/ Facility usage of the 'Aerogel Supercapacitor Technology', on non-exclusive basis.

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